

1 I claim:

2 1. A peritoneal dialysis catheter comprising:

3 an elongate inflow conduit having a first elongate juxtaposition surface  
4 residing on a first medial segment of the exterior surface of said elongate inflow conduit, a  
5 first distal segment lying distal of said first medial segment, and a first proximal segment  
6 lying proximal of said first medial segment;

7 an elongate outflow conduit having a second elongate juxtaposition surface  
8 residing on a second medial segment of the exterior surface of said elongate outflow conduit,  
9 a second distal segment lying distal of said second medial segment, and a second proximal  
10 segment lying proximal of said second medial segment;

11 said elongate inflow conduit and said elongate outflow conduit being  
12 respectively contoured whereby a juxtaposition consisting essentially of said first elongate  
13 juxtaposition surface and said second elongate juxtaposition surface along their respective  
14 said first and second medial segments results in the joint formation of a structure, the cross  
15 sectional contour of which is substantially circular and substantially free of peripheral gaps  
16 or spaces; and

17 said elongate inflow conduit and said elongate outflow conduit being bonded  
18 in said juxtaposition along respective said medial segments and remaining un-bonded along  
19 their respective said first and second distal segments.

1 2. The peritoneal dialysis catheter of claim 1, where said  
2 medial portion and said extended portion form an acute angle  
3 with respect to one another.  
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5 3. The peritoneal dialysis catheter of claim 2, where said  
6 transition portion follows a substantially radial path.  
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